

IN THE ABSTRACT:

Please amend the Abstract as follows:

~~The present invention provides a~~ A method of predicting an empty seat condition for a vehicle seat having an occupancy sensing system with a sensor array assembly. The method includes ~~the steps of~~ determining a first resultant value based on the change between the differences among a first series of sensor readings taken from the sensor array over a predetermined period of time, and determining a second resultant value based on the change between the differences among a second series of sensor readings taken ~~from the sensor array~~ over a different predetermined period of time. ~~The method also includes summing the first and second resultant values~~ are summed and ~~determining if the summed value is negative and calculating the change in the first and second resultant values~~ is calculated in terms of time to determine if ~~the calculated change~~ it is greater than a predetermined value. Further, ~~the method includes classifying the vehicle seat~~ is classified as empty if the summed value is negative and calculated change is greater than the predetermined amount.